SBR NO - 100/18-19

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

No. ***First & Final Bill*** (For Other Works) Date 25/08/...2018

Division: **BBMP, Byatarayanapura** Sub-Division: **BBMP, Vidyaranyapura**

Bill Received No. Dated Divisional / Sub Divisional Cash Book Voucher No........ Dated............

Schedule Docket No. Head of Account: **P-1771** **Work Code: 009-17-000035** **Est.Cost: 25.00 Lakhs** D.R.No. :

Name of Work (as per sanctioned estimate: **Improvements to Roads and Drains from Thindlu Circle to 2nd Cross Bullet Krishnappa layout in Ward No. 09 (Vidyaranyapura) Vidyaranyapura Sub Division..**

Name of Contractor and Full Address: ***Sri Narasimharaju. K, Contractor, # 175, 5th Cross, Maruthinagara, Bhadrappa Layout, Nagashettyhalli, Bangalore - 94.***

Reference to Agreement No. **EE/BTP/BBMP/ E-PMT/20(24411)/WO/10/2017-18** Date: **17.03.2018**

Certified that the measurements were taken by me on 19/07/2018 and recorded of **Pages** 494401 to 494412 of measurement Book No. 4945/2018-19 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work** 19/07/2018.

Certified that the measurement were taken by me on 19/7 ....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ.
ಬೃ. ಬೆಂ. ಮ. ಪಾ. ಬೆಂಗಳೂರು-97.

II Memorandum of Payment

1) Total value of work done or supplies made as per account within		
2) Deduct amount to be held in reserve being ....percent Rs............		
3) " Balance		
4) Deduct Payment:		
a. Amount of previous payment as in the Office Cash Book Voucher No...........Dated.................S.D. No................. adjusted towards cash advance recovery of	Amount	23,77,020-00
b. Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	IT	23770-00
	Cau	23770-00
5) Balance being unpaid value of work done held in reserve.	CBF	2377-00
6) Deduct cash advance made on the Office cash Book Voucher No........... dated..................................less adjustments.	LR	24958-00
7) Net amount due to or from Contractor unadjustments items.	Fine	1800-00
8) Advance to Contractor for materials brought to site (as detailed) within.	Adju.	76675-00
9) Value of Government materials supplied.		
Total amount adjusted	Cheque	23,00345-00

Contractor's Signature

Received Rs.................. (in words)................................
....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

Witness
1.
2.
Dated Signature of Contractor
Paid by me by Cheque No..................Dated...............
Cash Rs............................
Dated..............

(For use in the Office)

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 23,77,020-00
ಕಡಿತ ಮಾಡಿದ ಇತರೆ ರೂ. 76675-00
ಪಾವತಿಸಬೇಕಾದ ಮೊಬಲಗು 23,00,345
Rs: Twenty three lakh three hundred forty five only

Stamp

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1	Earthwork **excavation by manual means in ordinary soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work	
2	Removing and refixing stone slabs of drains and pointing in CM (1:3) etc complete as per specifications and directions of engineer in charge of the work	C
3	Providing and laying in position **plain cement concrete of mix 1:4:8** with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, **in foundation**, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Sc
	Qty Above 125%	Cu
4	Providing and removing **centering, shuttering, strutting, propping** etc., and removal of form work for **vertical surface** such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work	
	Qty Above 125%	Sqr
5	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. **- M20 (at 300Kg per cum coarse aggregate @ 0.64cum and fine aggregate**	Cum
6	**Vaccum de-watering** with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc complete as per specifications and directions of engineer in charge of the work	Sqm
	Qty Above 125%	
7	Scarifying kankar / gravel / metal crust upto 150mm thick with pick axes and disposal of stuff including cost of all labour charges etc complete as per specifications and directions of engineer in charge of the work	Sqm
8	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specifications and directions of engineer in charge of the work	Cum
9	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means etc complete as per specifications and directions of engineer in charge of the work	Sqm
10	Providing and laying **bituminous concrete 40 mm thick** with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % VG-30 Bitumen etc complete as per specifications and directions of engineer in charge of the work	cum
11	Providing and laying **semi dense bituminous concrete** using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 508 complete in all respects complete as per specifications. - using 40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (25 mm to 30 mm) with 5 % VG-10 Bitumen etc complete as per specifications and directions of engineer in charge of the work	cum

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Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	373.80	191.58	71613.00	373.80	71613.00	
-	-	796.50	74.36	59228.00	796.50	59228.00	
-	-	19.69	4957.80	97619.00	19.69	97619.00	
-	-	59.06	4957.82	292809.00	59.06	292809.00	
-	-	39.38	298.45	11753.00	39.38	11753.00	
		63 -		18802	63 -	18802	
-	-	23.63	298.47	7053.00	23.63	7053.00	
-	-	65.63	5293.97	347443.00	65.63	347443.00	
-	-	446.25	91.30	40743.00	446.25	40743.00	
-	-	78.75	91.68	7220.00	78.75	7220.00	
-	-	1615.00	25.46	41118.00	1615.00	41118.00	
-	-	323.00	1699.00	548777.00	323.00	548777.00	
-	-	3075.00	26.48	81426.00	3075.00	81426.00	
-	-	94.40	6986.98	659571.00	94.40	659571.00	
-	-	17.88	6194.47	110757.00	17.88	110757.00	
				2377030.00		2377030.00	

Rs. 23.77.030.-

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